Express Mail No. EV335520968US



Attorney Docket No. 108298525US Disclosure No. 00-0007

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

CHAD A. COBBLEY

APPLICATION NO.:

09/649,428

FILED:

FOR:

AUGUST 28, 2000

PACKAGED MICROELECTRONIC DEVICES

WITH INTERCONNECTING UNITS AND METHODS FOR MANUFACTURING AND USING THE INTERCONNECTING UNITS

EXAMINER:

ALONZO CHAMBLISS

ART UNIT:

2827

CONF. NO:

7172

Supplemental Information Disclosure Statement As Submission Under 37 C.F.R. § 1.114

Mail Stop RCE Commissioner for Patents P:O. Box 1450 Alexandria, VA 22313-1450

Sir.

1. Timing of Submission

This information disclosure is being filed with a Request for Continued Examination under 37 C.F.R. § 1.114. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

Cited Information

\boxtimes	Copie	Copies of the following references are enclosed:						
		All cited references References marked by asterisks The following:						
	Copie	Copies of the following references can be found in parent U.S. Application No.:						
		All cited references References marked by asterisks The following:						
⊠	The following references are not in English. For each such reference, undersigned has enclosed (i) a translation of the reference; (ii) a copy o communication from a foreign patent office or International Searching Author							

citing the reference, (iii) a copy of a reference which appears to be an Englishlanguage counterpart, or (iv) an English-language abstract for the reference





Attorney Docket No. 108298525US Disclosure No. 00-0007

prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

☐ All cited references
 ☑ References marked by a pound sign (#)
 ☐ The following:

3. Effect of Information Disclosure Statement (37 CFR 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 CFR 1.704(d))

The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filling of this statement. 37 C.F.R. § 1.704(d).

Date: 8/20/03

Respectfully submitted, Perkins Coie LLP

David T. Dutcher

Registration No. 51,638

Correspondence Address:

Customer No. 25096
Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
(206) 359-8000



of



Express Mail No. EV335520968US

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified) (Use several sheets if necessary)

. (COMPLETE IF KNOWN
Application Number	09/649,428
Confirmation Number	7172
Filing Date	August 28, 2000
First Named Inventor	Chad A. Cobbley
Group Art Unit	2827
Examiner Name	Alonzo Chambliss
Attorney Docket No.	108298525US

			_	U.S. PATENT DOCUMENTS		
Examiner Initials*	Cite No.		tion d Code known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
muais	110.	2002/0016023	A1	Bolken	Filed	
		U.S. Application No. 09/955,620 (Atty Docket No. 108298516US1)			09/19/2001	
		2002/0048843	A1	Bolken	Filed	
		U.S. Application No. 09/955,613 (Atty Docket No. 108298516US2)			09/19/2001	
		2002/0052063	A1	Bolken	Filed	
·		U.S. Application No. 09/955,897 (Alty Docket No. 108298518US3)			09/19/2001	
		2002/0050654	A1	Bolken	Filed	
		U.S. Application No. 09/955,612 (Atty Docket No. 108298516US4)			09/19/2001	
		2003/0106709	A1	Ahmad	Filed	
		U.S. Application No. 10/267,080 (Atty Docket No. 108298526US1)			10/07/2002	
		2003/0109083	A1	Ahmad	Filed	*
		U.S. Application No. 10/266,848 (Atty Docket No. 108298526US3)			10/07/2002	
		2002/0175399	A1	James et al.	Filed	
		U.S. Application No. 10/099,155 (Atty Docket No. 108298524US1)			03/13/2002	

EXAMINER	DATE CONSIDERED
	MARCH BOO Drawling through citation if not in Conformance and

*EXAMINER: Initial If reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).



Express Mail No. EV335520968US

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified) (Use several sheets if necessary)

of

	COMPLETE IF KNOWN
Application Number	09/849,428
Confirmation Number	7172
Filing Date	August 28, 2000
First Named Inventor	Chad A. Cobbley
Group Art Unit	2827
Examiner Name	Alonzo Chambliss
Attorney Docket No.	108298525US

				U.S. PATENT DOCUMENTS		
Examiner Initials*	Cite No.		ion d Code known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
iilliisis	1,51	2003/0029633	A1	Ahmad	Filed	
		U.S. Application No. 10/266,847 (Atty Docket No. 108298526US2)			10/07/2002	·
		4,777,520		Nambu et al.	10/11/1988	
		4,855,807		Yamaji et ál.	08/08/1989	
		4,866,506		Nambu et al.	09/12/1989	
		4,887,149		Romano'	12/12/1989	
		5,147,821		McShane et al.	09/15/1992	
		5,191,174		Chang et al.	03/02/1993	
		5,195,023		Manzione et al.	03/16/1993	
		5,208,467		Yamazaki	05/04/1993	
		5,296,738		Freyman et al.	03/22/1994	· <u>·</u>
9		5,309,026		Matsumoto	05/03/1994	
		5,314,842		Sawaya et al.	05/24/1994	
		5,363,280		Chobot et al.	11/08/1994	
		5,365,655		Rose	11/22/1994	
		5,474,958		Djennas et al.	12/12/1995	
		5,527,743		Variot	06/18/1996	
	1	5,596,231		Combs	01/21/1997	
		5,606,204		Tsuji	02/25/1997	
		5,609,889		Weber	03/11/1997	
		5,612,576	,	Wilson et al.	03/18/1997	
	1	5,635,220		Izumi et al.	06/03/1997	
		5,665,281		Drummond	09/09/1997	
	1	5,665,296		Jain et al.	09/09/1997	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered, include copy of this form with next communication to application(s).



Express Mail No. EV335520968US

3

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified) (Use several sheets if necessary)

of

	COMPLETE IF KNOWN
Application Number	09/649,428
Confirmation Number	7172
Filing Date	August 28, 2000
First Named Inventor	Chad A. Cobbley
Group Art Unit	2827
Examiner Name	Alonzo Chambliss
Attorney Docket No.	108298525US

	, -	<u></u>	 	U.S. PATENT DOCUMENTS	Date of	
Examiner Initials	Cite No.	U.S. Patent or Ap	Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,710,071		Beddingfield et al.	01/20/1998	
		5,721,450		Miles	02/24/1998	
		5,728,600		Saxelby, Jr. et al.	03/17/1998	
		5,750,423		Ishii	05/12/1998	
		5,766,649		Azuma	06/16/1998	
		5,767,446		Ha et al.	06/16/1998	
		5,796,159		Kierse	08/18/1998	
		5,842,275		McMillan, II et al.	12/01/1998	
		5,917,234		Tsuruzono	06/29/1999	
		5,928,595		Knapp et al.	07/27/1999	
		5,945,130		Saxelby, Jr. et al.	08/31/1999	
		5,964,030		Lee et al.	10/12/1999	
	1	5,998,243		Odashima et al.	12/07/1999	,
-		6,054,755		Takamichi et al.	04/25/2000	
		6,100,598		Kanesaka	08/08/2000	
	 	6,114,189		Chia et al.	09/05/2000	
		6,191,472	B1	Mazumder	02/20/2001	
	1	6,235,994	B1	Chamberlin et al.	05/22/2001	
	1	6,242,802	B1	Miles et al.	06/05/2001	
		6,291,895	B1	Taniguchi et al.	09/18/2001	
		6,329,603	B1	Japp et al.	12/11/2001	
	1 -	6,338,813	B1	Hsu et al.	01/15/2002	
	1	6,403,009	B1	Saxelby, Jr. et al.	06/11/2002	
	1	6,413,801	B1	Lin	07/02/2002	
	 	6,472,252	B2	Mess	10/29/2002	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).





Express Mail No. EV33552O968US

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified) (Use several sheets if necessary)

_		COMPLETE IF KNOWN			
	Application Number	09/649,428			
	Confirmation Number	7172			
	Filing Date	August 28, 2000			
	First Named Inventor	Chad A. Cobbley			
	Group Art Unit	2827			
	Examiner Name	Alonzo Chambliss			
_	Attorney Docket No.	108298525US			

	<u> </u>	L <u>~</u>		4 Altorney Docket No.	1.00200202		
	<u>_</u>			LE DATENT DOCUMENTS			
T	U	S. Patent or Applica		U.S. PATENT DOCUMENTO	Date of Publication or		
Cite	NUME			Name of Patentee or Inventor of Cited Document	Filing Date of Cited Document	Where Relevant Passage Relevant Figures Appea	5 OT
140.			B1	Ahmad	11/19/2002		
<u></u>			FO	REIGN PATENT DOCUMENTS			., -
Cite			ation Kind Code	Name of Patentee or Applicant	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7
			A	Trimex Co. Ltd.	01/29/1999		
#	JP	62229949	Α	Oki Electric Ind. Co. Ltd.	10/08/1987	·	
#	JP	60208847	Α	Oki Electric Ind. Co. Ltd.	10/21/1985		_
#	JP	05299536	Α	Oki Electric Ind. Co. Ltd.	11/12/1993		_
#	JP	10065043	Α	Sumitomo Kinzoku Electro Device KK Sumitomo Metal Ind. Ltd.	03/06/1998		
	Cite No. # # # # #	Cite NUME 6,48 For Cite No. Office # JP # JP # JP # JP	Cite No. NUMBER (If 6,483,044 Foreign Patent or Application of Ap	U.S. Patent or Application Cite NuMBER (If known)	U.S. PATENT DOCUMENTS U.S. Patent or Application	U.S. PATENT DOCUMENTS	U.S. Patent or Application

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(6), volume issue number(s), publisher, city Cite Examiner and/or country where published. Initials*

DATE CONSIDERED EXAMINER

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and *EXAMINER: not considered. Include copy of this form with next communication to application(s).